

# Using Google Earth to Visualize Bibliographic Information

2010 Intelligence Community Library Consortium Meeting

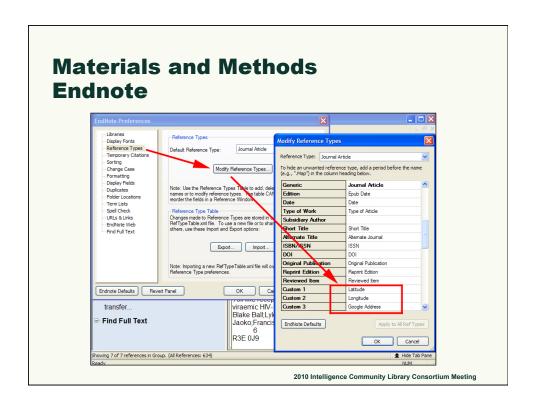
March 18, 2010

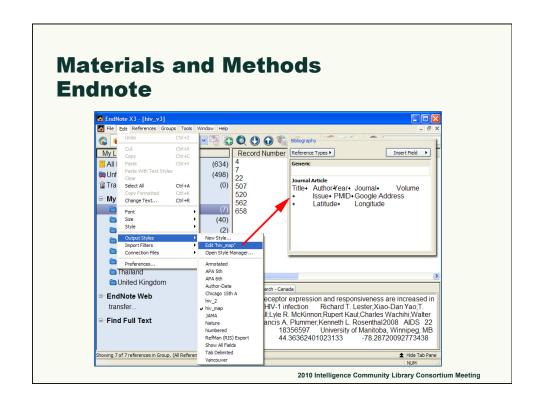
Douglas J. Joubert, NIH Library Cindy Clark, NIH Library

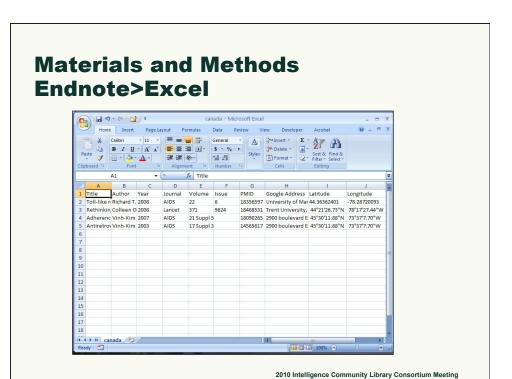
DIVISION OF LIBRARY SERVICES
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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

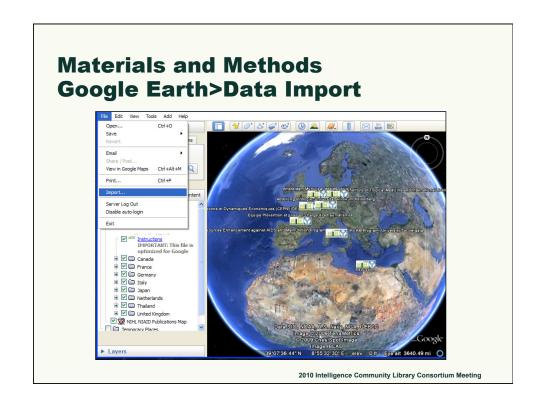
# Introduction **Project Description**

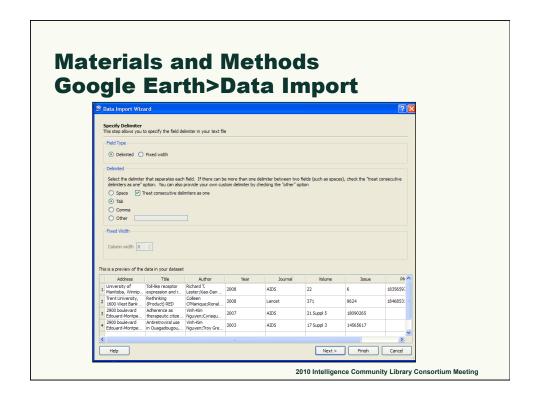
- → Project for an NIH researcher interested in using bibliographic and GIS information to map the locations of HIV therapy research
- → Bibliographic information contained in an Endnote<sup>®</sup> library was enhanced by adding the latitude and longitude of the primary authors' institution
- → Built in Google™ Earth, ported to multiple sources

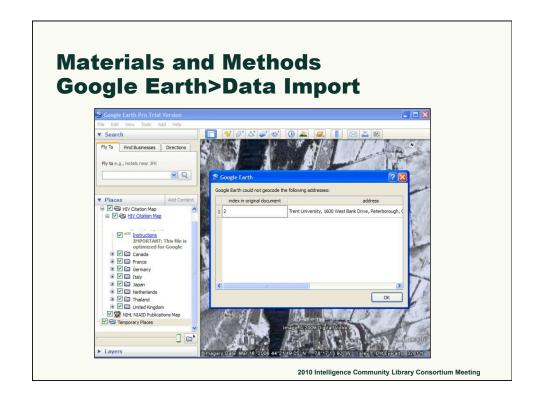


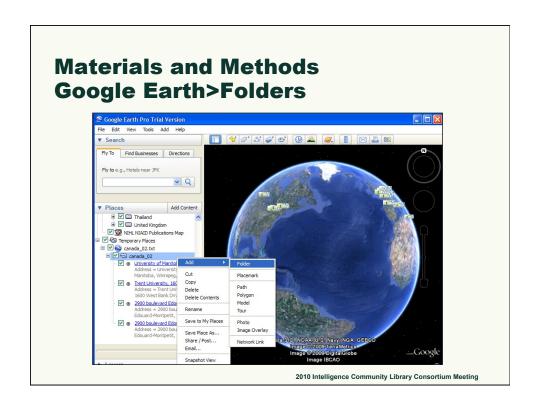


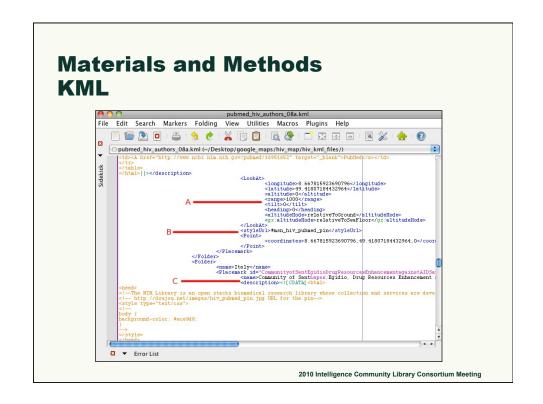


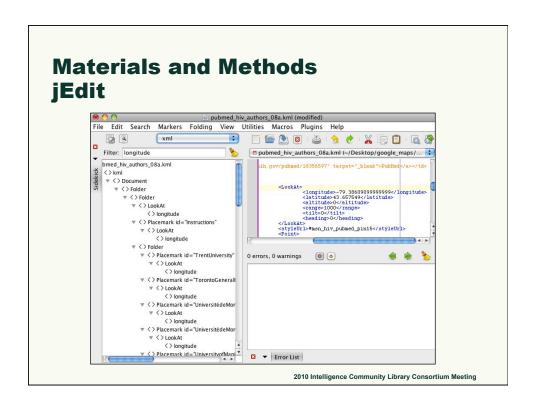


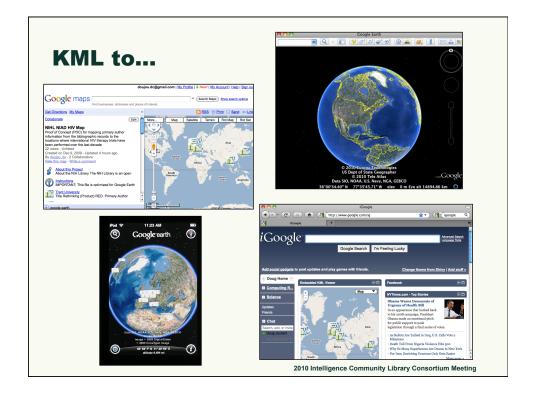


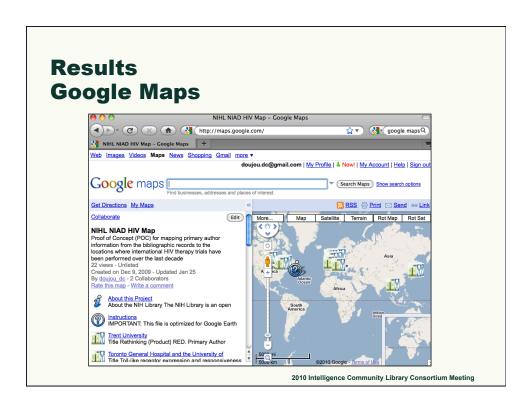


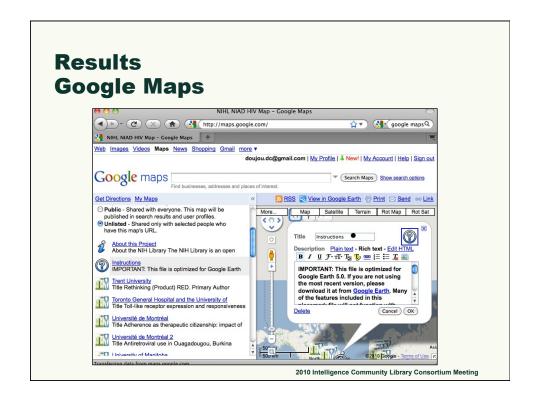












### Results Google Maps



# Results Google Maps...caveats

- → Importing from Google Earth/KML...what you see is not what you get
- → 10 KML elements supported by Google Maps

Placemarks	Icons	Folders	Descriptive HTML	KMZ
Polygons and Polylines	Polygons Styles	Network Link (data linking)	Regions inside network links (new)	Ground overlays

### Results iPhone / iPod Touch

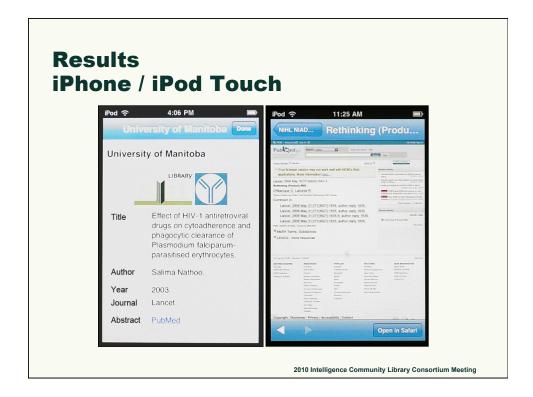


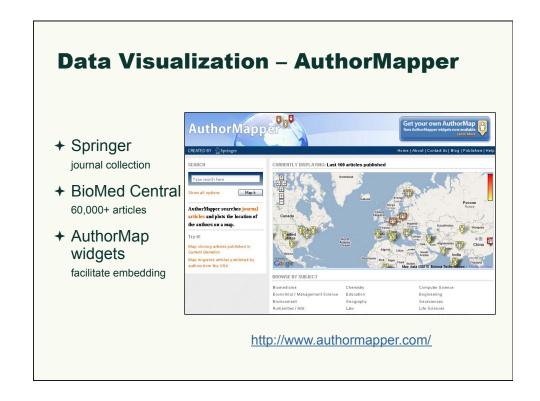
- → On the iPhone U/I via the Google Earth App
- → Non-native maps simply linking to a Google Map
- + Google Maps also supported on:
  - + Android
  - + BlackBerry
  - + Nokia S60
  - → Windows

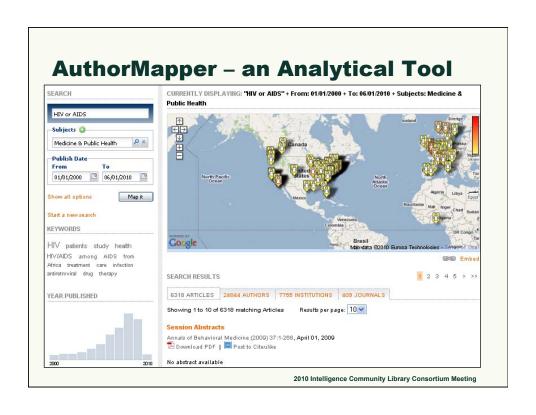
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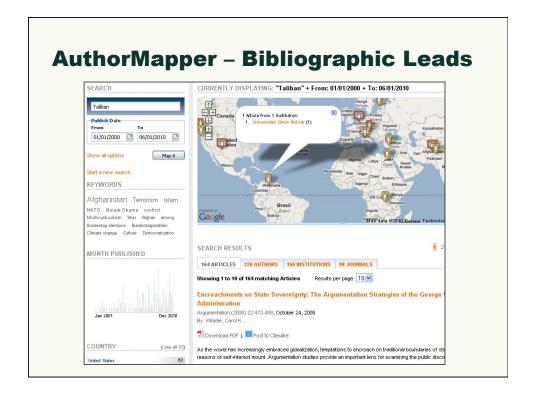












### **Conclusions**

- → Visual demonstration of combined bibliographic and geographical data is compelling; tells a quick story
- → Cost in time and tools increases with project complexity
- → Automatic geocoding improves efficiency (GEP = \$)
- → Data enhancement/visual display is nearly ubiquitous

#### **Contact Us**

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http://www.slideshare.net/doujou.DC/2010-intelligence-community-library-consortium-meeting



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